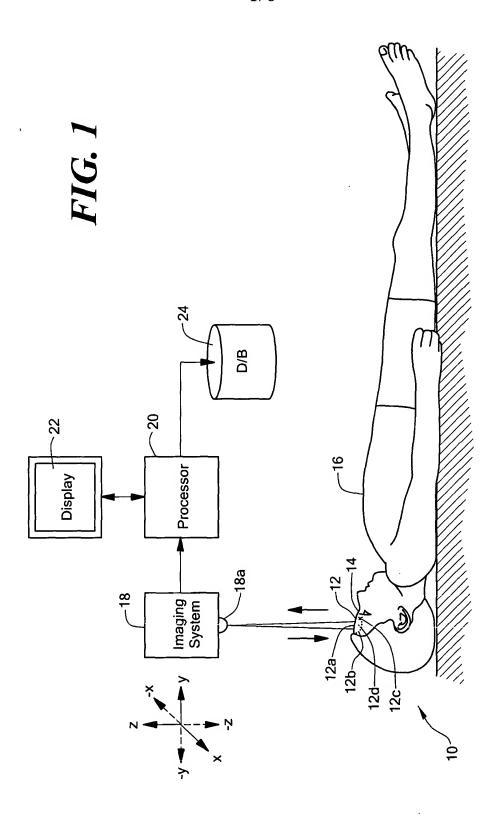
CONTRAST ENHANCING SOLUTION FOR USE IN CONFOCAL MICROSCOPY Zeina Tannous et al. Application No.: 10/607,630





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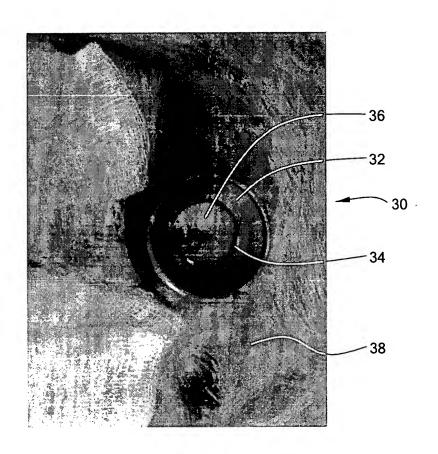
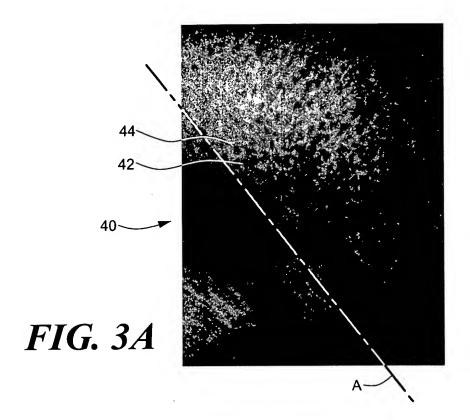
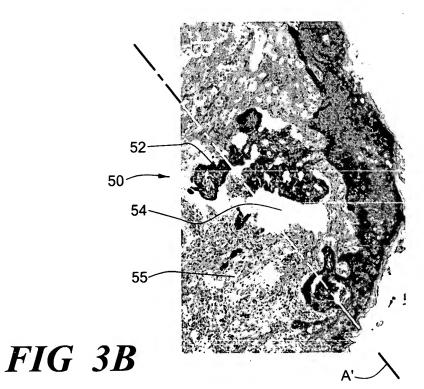


FIG. 2

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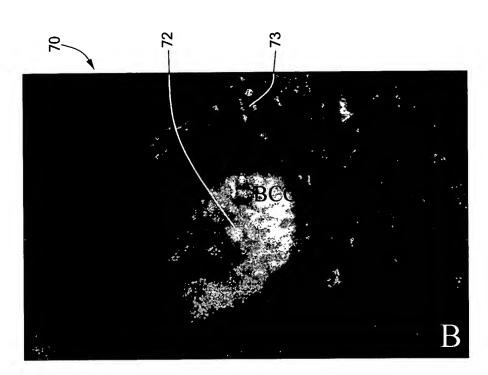


FIG. 4B

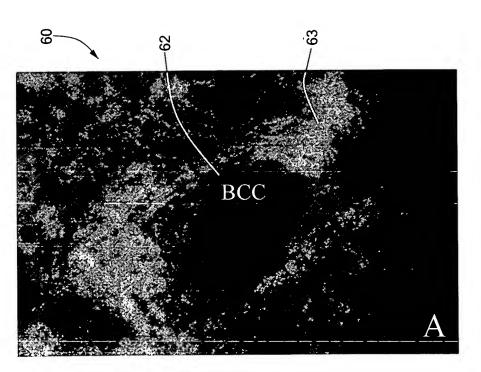


FIG. 44



CONTRAST ENHANCING SOLUTION FOR USE IN CONFOCAL MICROSCOPY

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5/6 FIG. 5A FIG. 5 FIG. 5B Start 102 Locate tumor on tissue 104 Demarcate/margin/boundary of tumor using a marking pen Demarcate a number of points on tumor (center point and 106 at least one point on margin/boundary) 108 Apply sterile water to tumor to optimize reflective characteristics Position tissue ring on tumor with center of ring coinciding 110with a predetermined one of the marked points 112 Image one of the marked points located on the tumor (in-vivo) using a confocal microscope to provide a "1st tumor image" 116--114 Re-position tumor ring Yes on tumor with center of Image another ring coinciding another marked point? one of the marked points , No Create a skin-nick on the marked point located on the 118 boundary/margin of the tumor Excise a 1st Mohs layer of the tumor defined 120 by the marked margin/boundary Freeze the excised 1st Mohs layer of the tumor Image the frozen 1st Mohs layer of the tumor (ex-vivo) using 124 a microscope to provide a "2nd tumor image" FIG 5A



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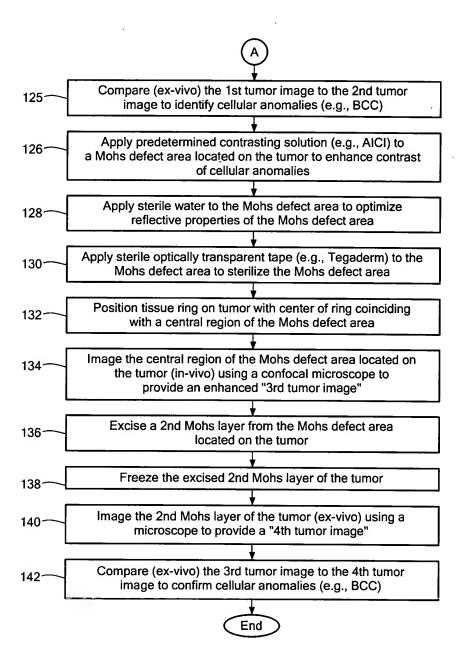


FIG 5B